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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

7 PLUS 37
REFERENCES

Application Number

09/807,047

Filing Date

April 6, 2001

First Named Inventor

Jerry Pelletier

Group Art Unit

To Be Assigned

Examiner Name

To Be Assigned

Attorney Docket No.

514012000100

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declarations☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement
(3 pages)☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ After Allowance Communication to
Group☐ Appeal Communication to Board of
Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below):

* Form PTO-1449 (3 pages)

* 37 References

* Return receipt postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm

or

Individual Name

Gladys H. Monroy

Morrison & Foerster, LLP

755 Page Mill Road, Palo Alto, CA 94304

Signature

Date

August 16, 2001

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231, on August 16, 2001.

Denise Lade

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PATENT
Docket No. 514012000100

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Denise Lade

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jerry PELLETIER and Manjula DAS

Serial No.: 09/807,047

Filing Date: April 6, 2001

For: OLIGONUCLEOTIDE PRIMERS THAT
DESTABILIZE NON-SPECIFIC
DUPLEX FORMATION AND USES
THEREOF

Examiner: To be assigned

Group Art Unit: To be assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee. Accordingly, a Petition requesting consideration of the Information Disclosure Statement, an authorization to charge our deposit account, and a Certification under 37 C.F.R. § 1.97(e) are provided herein.


Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 514012000100. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: August 16, 2001

Respectfully submitted,

By: 
Gladys H. Monroy
Registration No. 32,430

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 514012000100

Application Number 09/807,047

Applicant

Jerry PELLETIER and Manjula DAS

Filing Date April 6, 2001

Group Art Unit To be assigned

Mailing Date August 16, 2001



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	07/28/87	4,683,195	Mullis et al.			
	2.	07/28/87	4,683,202	Mullis			
	3.	01/24/89	4,800,159	Mullis et al.			
	4.	10/23/90	4,965,188	Mullis et al.			
	5.	08/01/95	5,438,131	Bergstrom et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	6.	03/31/1994	WO 94/06810	WIPO			
	7.	05/22/1997	WO 97/18325	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	8.	Brown, D.M. et al., (1991). "Synthesis and Duplex Stability of Oligonucleotides Containing Adenine-Guanine Analogues," <i>Carbohydrate Research</i> 216: 129-139.
	9.	Conner, B.J. et al., (1983). "Detection of Sick Cell β^S -Globin Allele by Hybridization with Synthetic Oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> 80:278-282.
	10.	de Fatima Bonaldo, M. et al., (1996). "Normalization and Subtraction: Two Approaches to Facilitate Gene Discovery," <i>Genome Research</i> 6(9): 791-806.
	11.	Doktycz, M.J. et al., (1995). "Optical Melting of 128 Octamer DNA Duplexes," <i>Journal of Biological Chemistry</i> 270(15): 8439-8445.
	12.	Eritja, R. et al., (1986). "Synthesis and Properties of Oligonucleotides Containing 2'-deoxynebularine and 2'-deoxyxanthosine," <i>Nucleic Acids Research</i> 14(20): 8135-8153.
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	14.	Frohman, M.A. et al., (1988). "Rapid Production of Full-Length cDNAs from Rare Transcripts: Amplification Using a Single Gene-Specific Oligonucleotide Primer," <i>Proc. Natl. Acad. Sci. USA</i>

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket Number 514012000100	Application Number 09/807,047
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Jerry PELLETIER and Manjula DAS	
		Filing Date April 6, 2001	Group Art Unit To be assigned
		Mailing Date August 16, 2001	
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15.	Fukada, T. et al., (1986). "An Alternative to the Mixer Probe Method in DNA Hybridization: Synthetic "lure" Nucleotide for the Ambiguous Position of Codons," <i>Z. Naturforsch.</i> 41b:1571-1579.		
16.	Gubler et al., (1983). "A Simple and Very Efficient Method for Generating cDNA Libraries," <i>Gene</i> 25: 263-269.		
17.	Guo, Z. et al., (1997). "Enhanced Discrimination of Single Nucleotide Polymorphisms by Artificial Mismatch Hybridization," <i>Nature Biotechnology</i> 15(4): 331-335.		
18.	Habener, J.F. et al., (1988). "5-Fluorodeoxyuridine as an Alternative to the Synthesis of Mixed Hybridization Probes for the Detection of Specific Gene Sequences," <i>Proc. Natl. Acad. Sci.</i> , 85:1735-1739.		
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20.	Inoue, H. et al., (1985). "Synthesis and Hybridization of Dodecadeoxyribonucleotides Containing and Fluorescent Pyridopyrimidine Deoxynucleoside," <i>Nucleic Acids Research</i> 13(19):7119-7128.		
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22.	Kwoh, D.Y. et al., (1990). "Target Amplification Systems in Nucleic Acid-Based diagnostic Approaches," <i>Am. Biotechnol. Lab.</i> 8: 14-25. [pp.15,17, and 19 content advertisement, thus omitted]		
23.	Lin, P.K.T. et al., (1989). "Synthesis and Duplex Stability of Oligonucleotides Containing Cytosine-Thymine Analogues," <i>Nucleic Acids Research</i> 17: 10373-10383.		
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26.	Malek, L. et al., (1994). "Nucleic Acid Sequence-Based Amplification (NASBA TM)," <i>Methods in Molecular Biology</i> . 28: 253-260.		
27.	Miller, P.S. et al. (1988). "Chapter 30: Oligonucleotide Inhibitors of Gene Expression in Living Cells: New Opportunities in Drug Design," <i>Annual Reports in Medical Chemistry</i> 23: 295-304.		
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30.	Nichols, R. et al., (1994). "A universal nucleoside for use at ambiguous sites in DNA primers," <i>Nature</i>		
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31.	Saiki, R.K. et al., (1989). "Genetic Analysis of Amplified DNA with Immobilized Sequence-Specific Oligonucleotide Probes," <i>Proc. Natl. Acad. Sci. USA</i> 86: 6230-6234.		
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